



Office of Civilian Radioactive Waste Management

**Overview of the
Implementation Strategy
for the
Acquisition of Transportation
Equipment and Services**

RW/EM TRANSPORTATION MEETING

San Antonio, Texas - January 8-9, 2002

Dave Zabransky

Acquisition Strategy Overview

Implementation:

- DOE continues to support the reference RSC acceptance strategy but, due to a number of existing uncertainties, DOE will pursue an interim strategy focused on effectively dealing with these uncertainties while facilitating a transition toward the RSC approach after suitable operating experience is gained.
- Key elements of the strategy centered around continued use of the private sector will be retained and a new implementation strategy will be developed which accommodates industry's concerns while permitting DOE to move forward with transportation planning and implementation to assure operational readiness consistent with Program needs.
- DOE plans to develop a strategy for organizing and implementing waste acceptance activities that allocates implementation responsibilities to the private sector with risk sharing appropriate to Program maturity.

Acquisition Strategy Overview

Implementation (cont'd):

- DOE anticipates utilizing a transportation Integrating Contractor (IC), to assist DOE in the management, planning, and acquisition of fleet hardware, including transportation casks, canisters, transporters, ancillary equipment, and equipment to interface at the Federal sites.
- DOE will maintain primary responsibility to the States, Tribes, and local units of government, and its customers (i.e., utilities & DOE sites) for assuring appropriate interaction and consideration of their input on transportation of SNF and will retain final approval of all transportation routes.
- DOE will acquire all transportation hardware and services from appropriate private industry sources.
- DOE anticipates acquiring waste acceptance and transportation services from private sector providers.
- DOE plans to acquire cask and transporter maintenance and inspection services, including suitable facilities, from appropriate private sector sources.

Acquisition Strategy Implementation Overview

Scope of Responsibilities:

- **Develop management plans.**
- **Determine transportation fleet needs.**
- **Acquire all fleet hardware, including auxiliary support equipment, required to meet waste acceptance needs.**
- **Provide QA oversight.**
- **Support communication and outreach activities.**
- **Provide training to Purchaser and Federal site personnel in cask operations as appropriate. Provide site support services when requested.**
- **Comply with applicable NRC, DOT, State, local and tribal regulations, DOE Orders, and other established operating protocols.**

Acquisition Strategy Implementation Overview

Scope of Responsibilities:

- **Develop site servicing plans.**
- **Identify site specific transportation needs including cask mode, inter-modal requirements, and assess the adequacy of the near site transportation infrastructure to support operations.**
- **Develop an implementation strategy and plan for acquiring transportation services.**
- **Mobilize transportation capabilities.**
- **Develop and maintain integrated waste acceptance schedules.**
- **Provide all waste acceptance and transportation services necessary to move spent nuclear fuel from the Purchaser's and Federal sites to the Federal repository.**
- **Provide all services and equipment necessary for inter-modal transfers as required.**
- **Provide escort and security services during transport as required.**

Acquisition Strategy Overview

Key Implementation Elements

Fleet and Site Planning

- Management Plan
- Cask Fleet Planning
- Site Service Plans
- Establish servicing strategy
- Fleet Acquisition and procurement plans
- QA Plan
- Communication and Outreach Plan
- Implementation schedules

Hardware Acquisition and Mobilization

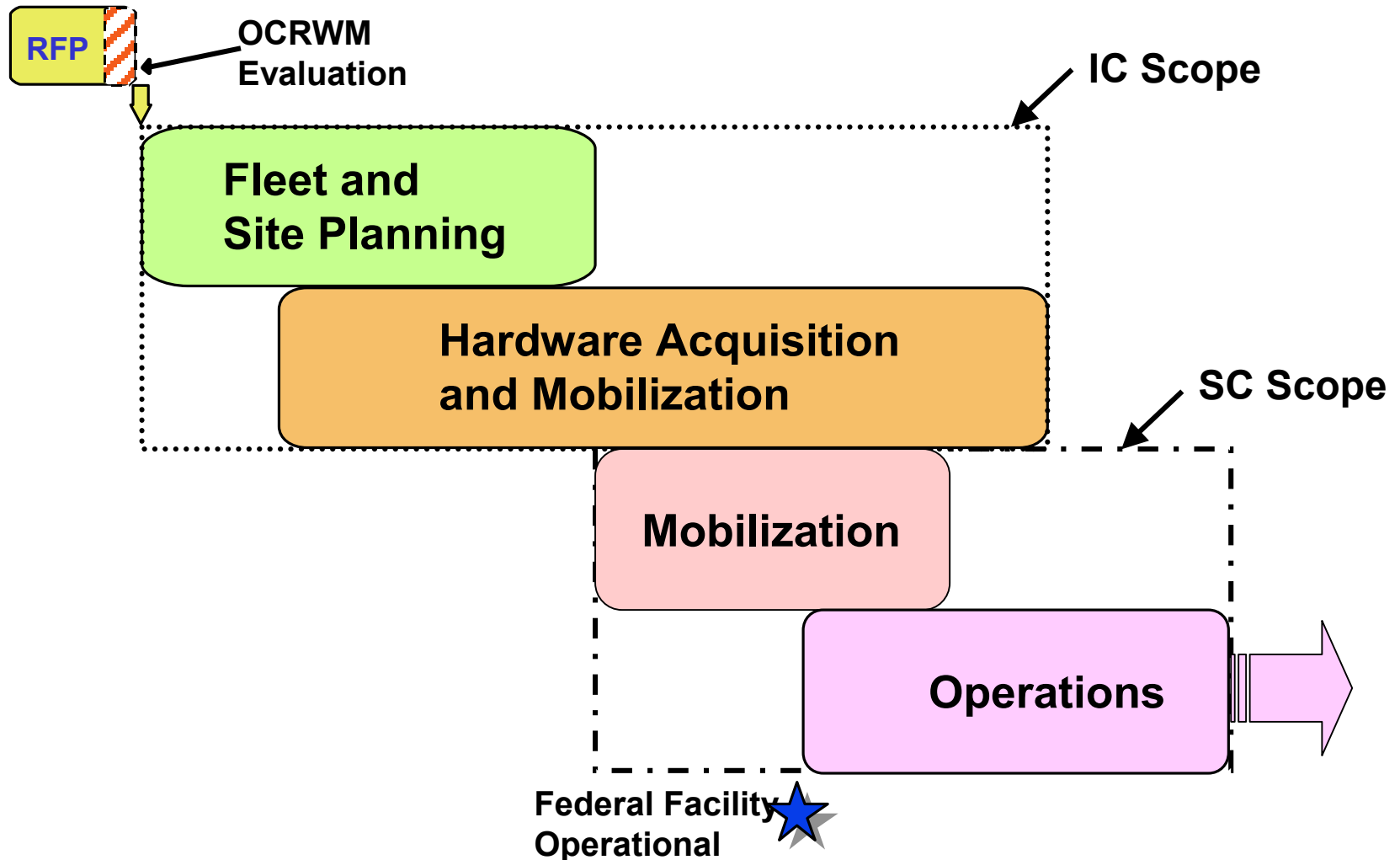
- Acquire Cask Fleet
- Provide QA oversight
- Acquire transporters and auxiliary equipment
- Facility support equipment
- Route Identification
- Training and readiness
- Acquire transportation services
- Initiate outreach and communications
- Develop integrated servicing schedules

Mobilization and Operations

- Perform waste acceptance
- Transport SNF & HLW
- Inter-modal as required
- Provide continuous en-route tracking
- Provide en-route security
- Perform cask and equipment maintenance
- Continue communication and outreach
- Maintain servicing schedules

Acquisition Strategy Overview

Phased implementation



Acquisition Strategy Overview

Planned Implementation Schedule

